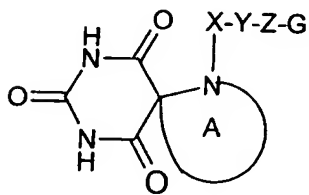
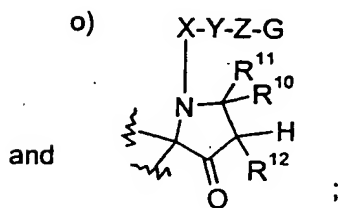
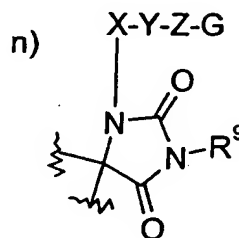
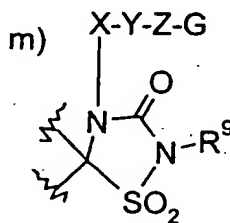
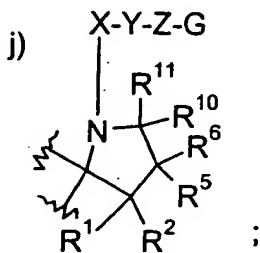
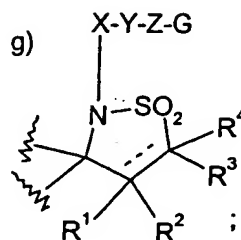
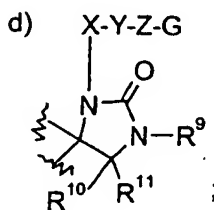


1. (Currently Amended): A compound of the formula:



a)

Chemical structure of a 4-substituted pyrrolidin-2-one derivative. The pyrrolidine ring is substituted at the 4-position with a group X-Y-Z-G. The ring also has substituents R¹, R², R³, and R⁴. Wavy lines indicate additional substituents on the 2 and 3 positions.



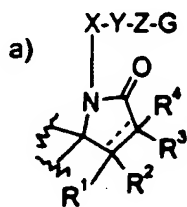
2

~~(C₆-C₁₀)aryl, (C₄-C₁₀)heteroaryl, (C₃-C₈)cycloalkyl and (C₁-C₁₀)heterocyclyl~~; wherein each of said (C₁-C₄)alkyl, (C₆-C₁₀)aryl, ~~(C₄-C₁₀)heteroaryl, (C₃-C₈)cycloalkyl and (C₁-C₁₀)heterocyclyl~~ may be optionally substituted on any of the ring carbon atoms capable of forming an additional bond with 1-3 substituents per ring independently selected from halo, (C₁-C₄)alkyl, (C₁-C₄)alkoxy, -CN, -OH and -NH₂; X is (C₆-C₁₀)aryl or (C₁-C₁₀)heteroaryl; Y is selected from the group consisting of a bond, oxygen, sulfur, >C=O, >SO₂, >S=O, -CH₂-, -CH₂O-, -O(CH₂)_n-, -CH₂S-, -S(CH₂)_n-, -CH₂SO-, -CH₂SO₂-, -SO(CH₂)_n-, -SO₂(CH₂)_n-, -NR¹⁴, -NR¹⁴(CH₂)_n-, -CH₂[N(R¹⁴)]-, -CH₂(CH₂)_n-, -CH=CH-, -C≡C-, -[N(R¹⁴)]-SO₂- and -SO₂[N(R¹⁴)]-; n is an integer from one to four; R¹⁴ is hydrogen or (C₁-C₄)alkyl; Z is selected from the group consisting of (C₆-C₁₀)aryl, (C₃-C₈)cycloalkyl, and (C₁-C₁₀)heterocyclyl and ~~(C₄-C₁₀)heteroaryl~~; wherein one or two carbon-carbon single bonds of said (C₃-C₈)cycloalkyl or (C₁-C₁₀)heterocyclyl may optionally be replaced by carbon-carbon double bonds; wherein each of said X or Z may be independently optionally substituted on any of the ring carbon atoms capable of forming an additional bond by one or two substituents per ring independently selected from F, Cl, Br, CN, OH, (C₁-C₄)alkyl, (C₁-C₄)perfluoroalkyl, (C₁-C₄)perfluoroalkoxy, (C₁-C₄)alkoxy and (C₃-C₈)cycloalkyloxy; G is R¹⁵-(CR¹⁶R¹⁷)_p-; wherein G is a substituent on any ring carbon atom of Z capable of forming an additional bond and is oriented at a position other than alpha to the point of attachment of the Z ring to Y; p is an integer from 0 to 4; R¹⁵ is independently selected from the group consisting of (C₁-C₁₀)heteroaryl, halo, -CN, -NO₂, OH, (C₁-C₄)alkenyl, (C₁-C₄)alkynyl, (C₁-C₄)perfluoroalkyl, perfluoro(C₁-C₄)alkoxy, R¹⁸-, R¹⁸-O-, R¹⁸-(C₁-C₄)alkyl-O-, R¹⁸-(C=O)-, R¹⁸-(C=O)-O-, R¹⁸-

$O-(C=O)-R^{18}-S-$, $R^{22}-(S=O)-$, $R^{18}-(SO_2)-$, $R^{22}-(SO_2)-(NR^{21})-$, $R^{19}-(C=O)-(NR^{21})-$, $R^{22}-O-$
 $(C=O)-(NR^{21})-$, $(R^{19}R^{20})N-$, $(R^{19}R^{20})N-(SO_2)-$, $(R^{19}R^{20})N-(C=O)-$; $(R^{19}R^{20})N-(C=O)-(NR^{21})-$
and $(R^{19}R^{20})N-(C=O)-O-$; each of R^{16} and R^{17} are independently selected from hydrogen and
 (C_1-C_4) alkyl; or R^{16} and R^{17} may optionally be taken together with the carbon to which they
are attached to form a 5 to 10-membered carbocyclic ring; R^{18} , R^{19} , R^{20} and R^{21} are
independently selected from the group consisting of hydrogen, (C_1-C_4) alkyl, (C_6-C_{10}) aryl,
 (C_3-C_8) cycloalkyl, ~~(C_1-C_{10}) heteroaryl~~ and (C_1-C_{10}) heterocyclyl; wherein said (C_6-C_{10}) aryl,
 (C_3-C_8) cycloalkyl, ~~(C_1-C_{10}) heteroaryl~~ and (C_1-C_{10}) heterocyclyl moieties may be optionally
substituted on any of the ring carbon atoms capable of forming an additional bond by one to
three substituents per ring independently selected from the group consisting of F, Cl, Br, CN,
OH, (C_1-C_4) alkyl, (C_1-C_4) perfluoroalkyl, (C_1-C_4) perfluoroalkoxy, (C_1-C_4) alkoxy, amino, $(C_1-$
 $C_4)$ alkyl-NH-, $[(C_1-C_4)alkyl]_2-N-$ and (C_3-C_8) cycloalkyloxy; wherein said (C_3-C_8) cycloalkyl
and (C_1-C_{10}) heterocyclyl moieties may also optionally be substituted by oxo; wherein said
 ~~(C_1-C_{10}) heteroaryl and (C_1-C_{10}) heterocyclyl moieties~~ moiety may optionally be substituted on
any ring nitrogen atom able to support an additional substituent by one or two substituents per
ring independently selected from the group consisting of (C_1-C_4) alkyl and (C_1-C_4) alkyl-
 $(C=O)-$; or R^{19} and R^{20} may optionally be taken together with the nitrogen to which they are
attached to form a 3 to 8-membered heterocyclic ring; or R^{19} and R^{21} may optionally be taken
together with the nitrogen, the carbon or the oxygen to which they are attached to form a 3 to
8-membered heterocyclic ring; R^{22} is selected from the group consisting of (C_1-C_4) alkyl, $(C_6-$
 $C_{10})$ aryl, (C_3-C_8) cycloalkyl, ~~(C_1-C_{10}) heteroaryl~~ and (C_1-C_{10}) heterocyclyl; wherein said $(C_6-$

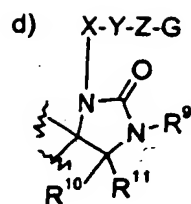
C₁₀)aryl, (C₃-C₈)cycloalkyl, ~~(C₄-C₁₀)heteroaryl~~ and (C₁-C₁₀)heterocyclyl moieties may be optionally substituted on any of the ring carbon atoms capable of forming an additional bond by one to three substituents per ring independently selected from the group consisting of F, Cl, Br, CN, OH, (C₁-C₄)alkyl, (C₁-C₄)perfluoroalkyl, (C₁-C₄)perfluoroalkoxy, (C₁-C₄)alkoxy, amino, (C₁-C₄)alkyl-NH-, [(C₁-C₄)alkyl]₂-N- and (C₃-C₈)cycloalkyloxy; wherein said (C₃-C₈)cycloalkyl and (C₁-C₁₀)heterocyclyl moieties may also optionally be substituted by oxo; wherein said ~~(C₄-C₁₀)heteroaryl~~ and (C₁-C₁₀)heterocyclyl ~~moieties~~ moiety may optionally be substituted on any ring nitrogen atom able to support an additional substituent by one or two substituents per ring independently selected from the group consisting of (C₁-C₄)alkyl and (C₁-C₄)alkyl-(C=O)-; or R²¹ and R²² may optionally be taken together with the nitrogen, the oxygen or the sulfur to which they are attached to form a 3 to 8-membered heterocyclic ring; or a pharmaceutically acceptable salt thereof.

2. (Original): The compound according to claim 1 wherein said "A" is



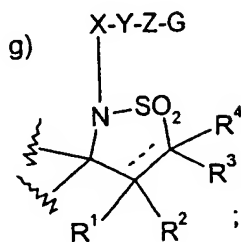
3. – 4. (Cancelled).

5. (Original): The compound according to claim 1 wherein said "A" is



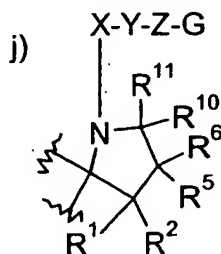
6. – 7. (Cancelled).

8. (Original): The compound according to claim 1 wherein said “A” is



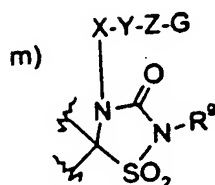
9. – 10. (Cancelled).

11. (Original): The compound according to claim 1 wherein said “A” is

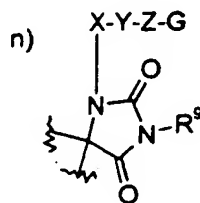


12. – 13. (Cancelled).

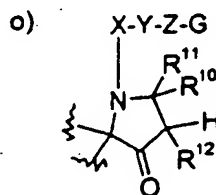
14. (Original): The compound according to claim 1 wherein said "A" is



15. (Original): The compound according to claim 1 wherein said "A" is



16. (Original): The compound according to claim 1 wherein said "A" is



17. (Original): The compound according to claim 1 wherein said X is (C₆-C₁₀)aryl.

18. (Original): The compound according to claim 1 wherein said X is phenyl.

19. (Original): The compound according to claim 1 wherein said X is (C₁-C₁₀)heteroaryl.

20. (Currently Amended): The compound according to claim 19 wherein said (C₁-C₁₀)heteroaryl is selected from the group consisting of benzimidazolyl, benzofuranyl, benzofurazanyl, 2H-1-benzopyranyl, benzothiadiazine, benzothiazinyl, benzothiazolyl, benzothiophenyl, benzoxazolyl, chromanyl, cinnoliny, furazanyl, furopyridinyl, furyl, imidazolyl, indazolyl, indoliny, indoliziny, indolyl, 3H-indolyl, isoindolyl, isoquinoliny, isothiazolyl, isoxazolyl, naphthyridiny, oxadiazolyl, oxazolyl, phthalazinyl, pteridinyl, puriny, pyraziny, pyridazinyl, pyridiny, pyrimidinyl, pyrazolyl, pyrrolyl, quinazoliny, quinoliny, quinoxaliny, tetrazolyl, thiazolyl, thiadiazolyl, thienyl, triazinyl and triazolyl, wherein said (C₁-C₁₀)heteroaryl is optionally substituted on any of the ring carbon atoms capable of forming an additional bond by one or two substituents per ring independently selected from the group consisting of F, Cl, Br, CN, OH, (C₁-C₄)alkyl, (C₁-C₄)perfluoroalkyl, (C₁-C₄)perfluoroalkoxy, (C₁-C₄)alkoxy and (C₃-C₈)cycloalkyloxy.

21. (Original): The compound according to claim 19 wherein said (C₁-C₁₀)heteroaryl is selected from the group consisting of imidazolyl, isothiazolyl, isoxazolyl, oxadiazolyl, oxazolyl, pyraziny, pyridazinyl, pyridiny, pyrimidinyl and pyrazolyl.

22. (Currently Amended): The compound according to claim 19 wherein said (C₁-C₁₀)heteroaryl is selected from the group consisting of pyrazinyl, pyridazinyl, pyridyl and pyrimidinyl.
23. (Original): The compound according to claim 1 wherein said Y is selected from the group consisting of a bond, oxygen, >C=O, -CH₂-, -CH₂O-, -O(CH₂)_n-, -CH₂CH₂-, -CH=CH- and -C≡C-; wherein n is 1 or 2.
24. (Original): The compound according to claim 23 wherein said Y is oxygen.
25. (Original): The compound according to claim 1 wherein said Y is selected from the group consisting of sulfur, >SO₂, >S=O, -CH₂S-, -S(CH₂)_n-, -CH₂SO-, -CH₂SO₂-, -SOCH₂- and -SO₂(CH₂)_n-; wherein n is 1 or 2.
26. (Original): The compound according to claim 1 wherein said Y is selected from the group consisting of -CH₂[N(R¹⁴)]-, >NR¹⁴, -NR¹⁴(CH₂)_n-, -SO₂[N(R¹⁴)]- and -[N(R¹⁴)]-SO₂-.
27. (Currently Amended): The compound according to claim 1 wherein said Z is selected from the group consisting of (C₆-C₁₀)aryl or (C₁-C₁₀)heteroaryl; and wherein said Z may be optionally substituted on any of the ring carbon atoms capable of forming an additional bond by one or two substituents per ring independently selected from the group consisting of F, Cl,

Br, CN, OH, (C₁-C₄)alkyl, (C₁-C₄)perfluoroalkyl, (C₁-C₄)perfluoroalkoxy, (C₁-C₄)alkoxy and (C₃-C₈)cycloalkyloxy.

28. (Currently Amended): The compound according to claim 1 wherein said Z is (C₆-C₁₀)aryl; and wherein said Z is substituted on any of the ring carbon atoms capable of forming an additional bond by one or two substituents per ring independently selected from the group consisting of from F, Cl, CN, (C₁-C₄)alkyl, (C₁-C₄)perfluoroalkyl and (C₁-C₄)alkoxy.

29. (Original): The compound according to claim 1 wherein said G is R¹⁵-(CR¹⁶R¹⁷)_p;
wherein p is 0.

30. (Currently Amended): The compound according to claim 29 wherein said R¹⁵ is selected from the group consisting of halo, -CH and R¹⁸; wherein R¹⁸ is selected from the group consisting of hydrogen, (C₁-C₄)alkyl, (C₆-C₁₀)aryl, (C₃-C₈)cycloalkyl, ~~(C₄-C₁₀)heteroaryl~~ and (C₁-C₁₀)heterocyclyl; wherein said (C₆-C₁₀)aryl, (C₃-C₈)cycloalkyl, ~~(C₄-C₁₀)heteroaryl~~ and (C₁-C₄)heterocyclyl moieties may be optionally substituted on any of the ring carbon atoms capable of forming an additional bond by one to three substituents per ring independently selected from the group consisting of F, Cl, Br, CN, OH, (C₁-C₄)alkyl, (C₁-C₄)perfluoroalkyl, (C₁-C₄)perfluoroalkoxy, (C₁-C₄)alkoxy, amino, (C₁-C₄)alkyl-NH-, [(C₁-C₄)alkyl]₂-N- and (C₃-C₈)cycloalkyloxy; wherein said (C₃-C₈)cycloalkyl and (C₁-C₁₀)heterocyclyl moieties may also optionally be substituted by oxo; wherein said ~~(C₄-C₁₀)heteroaryl~~ and (C₁-C₁₀)heterocyclyl

~~moieties~~ moiety may optionally be substituted on any ring nitrogen atom able to support an additional substituent by one or two substituents per ring independently selected from the group consisting of (C₁-C₄)alkyl and (C₁-C₄)alkyl-(C=O)-.

31. (Original): The compound according to claim 29, wherein said R¹⁵ is selected from the group consisting of hydrogen, -CH, halo and oxadiazolyl.

32. (Original): The compound according to claim 29, wherein said G is oriented at a position meta to the point of attachment of the Z ring to Y.

33. (Original): The compound according to claim 29, wherein said G is oriented at a position para to the point of attachment of the Z ring to Y.

34. (Original): The compound according to claim 1 wherein said G is R¹⁵-(CR¹⁶R¹⁷) and wherein p is an integer from 1 to 4.

35. (Original): The compound according to claim 34, wherein R¹⁵ is selected from the group consisting of (C₁-C₁₀) heteroaryl; R¹⁹-(C=O)-(NR²¹)-, R¹⁹R²⁰N-, (R¹⁹R²⁰)N-(C=O)-(NR²¹)- and R²²-O-(C=O)-(NR²¹); each R¹⁶ and R¹⁷ are independently hydrogen or (C₁-C₄)alkyl; R¹⁹ is (C₁-C₄)alkyl or (C₃-C₈)cycloalkyl; R²⁰ is hydrogen or (C₁-C₁₀)heteroaryl selected from the

group consisting of 2-oxazolyl, 2-pyrazolyl and 3-pyrazolyl; R^{21} is hydrogen or (C_1-C_4) alkyl; and R^{22} is (C_1-C_4) alkyl or (C_3-C_8) cycloalkyl.

36. (Original): The compound according to claim 34, wherein R^{15} is 2-pyrazolyl; and each of R^{16} and R^{17} are independently hydrogen.

37. (Original): The compound according to claim 34, wherein R^{15} has the formula $R^{19}-(C=O)-(NR^{21})-$; each of R^{16} and R^{17} are independently hydrogen or (C_1-C_4) alkyl; R^{19} is selected from the group consisting of methyl, ethyl, propyl, butyl and cyclobutyl; and R^{21} is hydrogen.

38. (Original): The compound according to claim 34, wherein R^{15} is selected from the group consisting of $(R^{19}R^{20})N-$, $(R^{19}R^{20})N-(SO_2)-$, $(R^{19}R^{20})N-(C=O)-$; $(R^{19}R^{20})N-(C=O)-(NR^{21})-$ and $(R^{19}R^{20})N-(C=O)-O-$; wherein R^{19} and R^{20} are taken together with the nitrogen to which they are attached to form a 3 to 8-membered heterocyclic ring.

39. (Currently Amended): The compound according to claim 34, wherein R^{15} is selected from the group consisting of $R^{19}-(C=O)-NR^{21}-$; $R^{22}-(SO_2)-NR^{21}-$; ~~$R^{22}-O-(C=O)-(NR^{21})-$~~ $R^{22}-O-(C=O)-(NR^{21})-$ and $(R^{19}R^{20})N-(C=O)-NR^{21}-$; each of R^{16} and R^{17} are independently hydrogen or (C_1-C_4) alkyl; R^{19} and R^{21} are taken together with the nitrogen, the carbon or the oxygen to which they are attached to form a 3-8 membered heterocyclic ring; and R^{21} and R^{22} are taken

together with the nitrogen, the carbon or the oxygen to which they are attached to form a 3-8 membered heterocyclic ring.

40. The compound according to claim 34, wherein G is oriented at a position meta to the point of attachment of the Z ring to Y.

41. (Original): The compound according to claim 34, wherein G is oriented at a position para to the point of attachment of the Z ring to Y.

42. (Original): The compound according to claim 1, wherein said compound is selected from the group consisting of:

1-[6-(4-Fluoro-phenoxy)-pyridin-3-yl]-1,7,9-triaza-spiro[4.5]decane-2,6,8,10-tetraone; 1-[6-(4-Fluoro-phenoxy)-pyridin-3-yl]-1,8,10-triaza-spiro[5.5]undecane-2,7,9,11-tetraone; 4-[5-(2,6,8,10-Tetraoxo-1,7,9-triaza-spiro[4.5]dec-1-yl)-pyridin-2-yloxy]-benzonitrile; 1-[6-(4-[1,3,4]oxadiazol-2-yl-phenoxy)-pyridin-3-yl]-1,7,9-triaza-spiro[4.5]decane-2,6,8,10-tetraone; 1-[6-(4-Ethyl-phenoxy)-pyridin-3-yl]-1,7,9-triaza-spiro[4.5]decane-2,6,8,10-tetraone; N-{4-[5-(2,6,8,10-Tetraoxo-1,7,9-triaza-spiro[4.5]dec-1-yl)-pyridin-2-yloxy]-benzyl}-acetamide; N-{4-[5-(2,6,8,10-Tetraoxo-1,7,9-triaza-spiro[4.5]dec-1-yl)-pyridin-2-yloxy]-benzyl}-propionamide; N-{4-[5-(2,6,8,10-Tetraoxo-1,7,9-triaza-spiro[4.5]dec-1-yl)-pyridin-2-yloxy]-benzyl}-butyramide; Pentanoic acid 4-[5-(2,6,8,10-tetraoxo-1,7,9-triaza-spiro[4.5]dec-1-yl)-pyridin-2-yloxy]-benzylamide; Cyclobutanecarboxylic acid 4-[5-(2,6,8,10-tetraoxo-1,7,9-

triazaspiro[4.5]dec-1-yl)pyridin-2-yloxy]-benzylamide; 1-[6-(4-Bromo-phenoxy)-pyridin-3-yl]-1,7,9-triazaspiro[4.5]decane-2,6,8,10-tetraone; 1-[6-(4-pyrazol-1-ylmethyl-phenoxy)-pyridin-3-yl]-1,7,9-triazaspiro[4.5]decane-2,6,8,10-tetraone; and a pharmaceutically acceptable salt thereof.

43. – 45 (Cancelled).